CBRICS

OPERATING GUIDELINES

JULY 2007

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1.0 LAUNCHPAD

FIMMDA is pleased to setup a reporting platform for its members. This platform is intended to enable members to report their transactions in corporate bonds. This platform shall also provide information on reported trading volumes, yields, prices, information about bonds and its attributes.

2.0 USER & ROLES MANAGEMENT

2.1 Admin functions

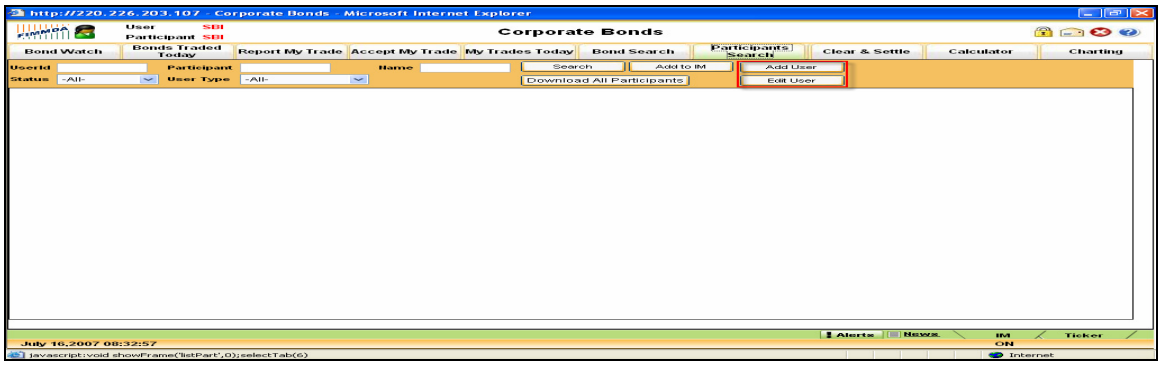
The admin user undertakes user management function on the platform. This is the default user of the participant. The roles of this user are defined hereunder:

- Creation of users under participant.
- Disablement of users under the participant.
- Re-enablement of users under the participant.
- Password reset of users under the participant.
- Along with the above, this user shall have access to all functionalities discussed under the heading 'Operation User'

2.1.1 User Management function

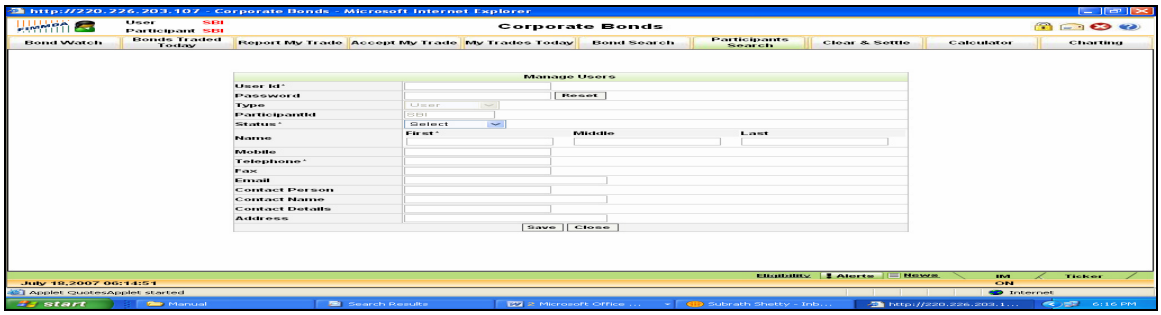
2.1.1.1 Creating & updating user profiles

This functionality is available only to the default user under the participant. The functionality is available in 'Participant Search' window. This can be seen in the picture below:



i. Add User

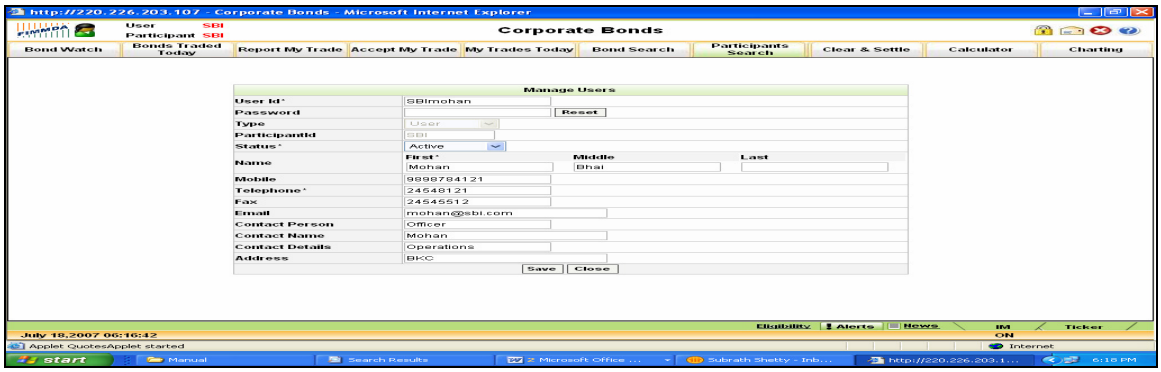
User profiles can be created by clicking 'Add User' button in Manage Users screen:



After all member related data is entered the user should click 'Save' to create the user and go to the previous screen. The user may click 'Close' to go to the previous screen without saving. The member data that the admin user needs to input are User Id, Status, Name & contact details. **All this should be the member's official data**. The user profile so created will be prefixed with the participants ID.

ii. Edit User

The Edit user is used to make changes in the user's profile, including resetting of password. For using this option the user has to select the user. Thereafter, on clicking 'Edit User', 'Manage Users' screen opens:

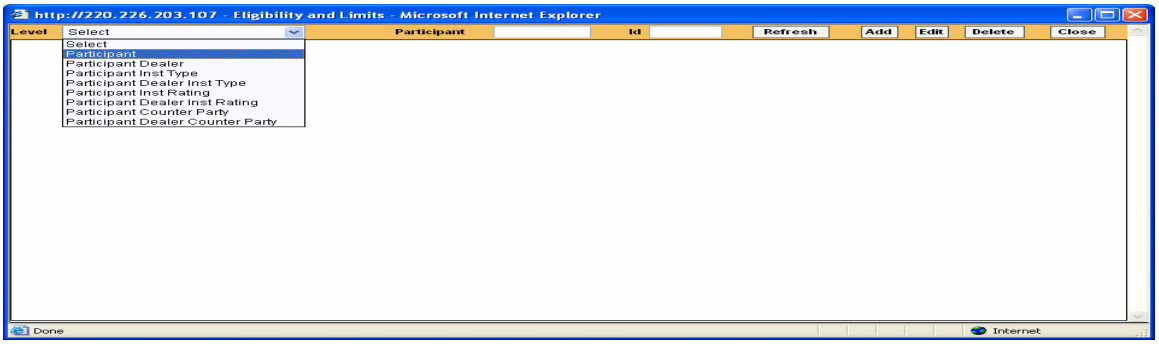


After making required changes, the changes can be saved. If password is to be reset, the 'Reset' button should be clicked followed by the 'Save' button.

2.1.1.2 Managing Eligibility:

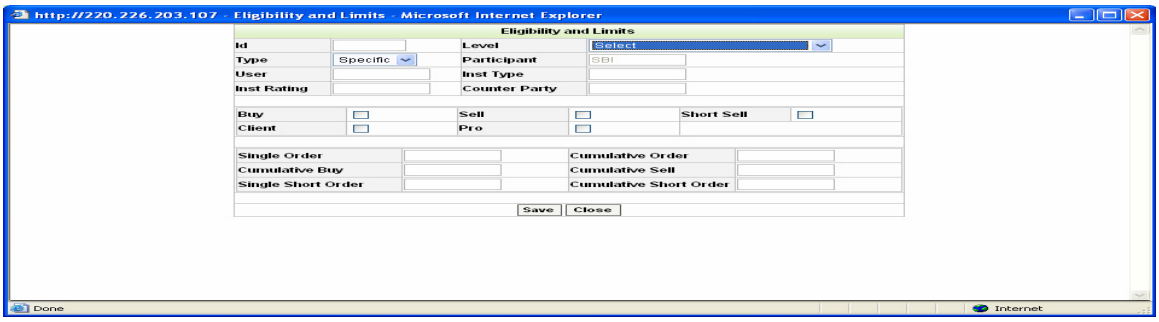
The 'Eligibility' menu is available as a link on the bottom bar of Participant's default/ admin user. This enables the default user to setup limits for reporting of trade data.

On clicking this link the following screen is displayed:



This option enables the default user to set up eligibilities at the participant level in general and user level in particular in respect which may be broadly applicable or subject to defined bond related characteristics like instrument type & rating or defined for each counter party participant.

In order to define eligibilities and limits the default user of the participant has to click 'Add' button. This will open the following screen:

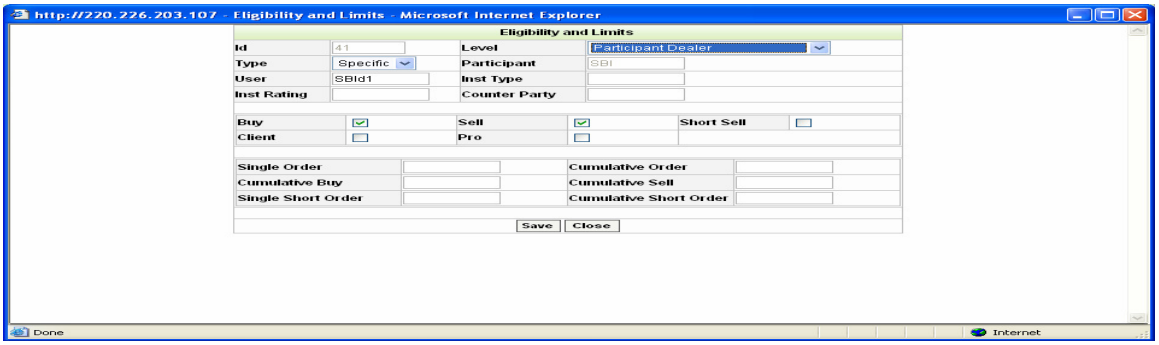


The screen consists of 3 parts; Eligibility type setup, Eligibility side setup & Limit setup.

- Eligibility type setup indicates the type of eligibility to be defined and its applicability. ie Eligibility for participant users generally (Default) or specifically for a user (Specific).
- Eligibility side setup indicates reporting rights (sell), confirming rights (buy) or both.
- Limit setup indicates some quantitative restrictions for which the eligibility is defined.

Once completed the same has to be saved. Such a setup should be made before the reporting time so that the same is applicable.

In case any changes are to be done in the current setup, the particular eligibility setup should be selected and the 'Edit' button should be clicked. This will activate the following screen.



The necessary changes should be done and the changes saved.

2.2 Operation User functions:

This user shall have the following roles:

- Reporting of Trades.
- Approval/ Rejection of Trades.
- Downloading of trade & other information.
- Viewing/ Requesting chart, information & reports.
- Calculator.
- Access to clearing & settlement reports.
- Requesting & viewing ticker alerts etc.

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3.0 Gateway to the solution

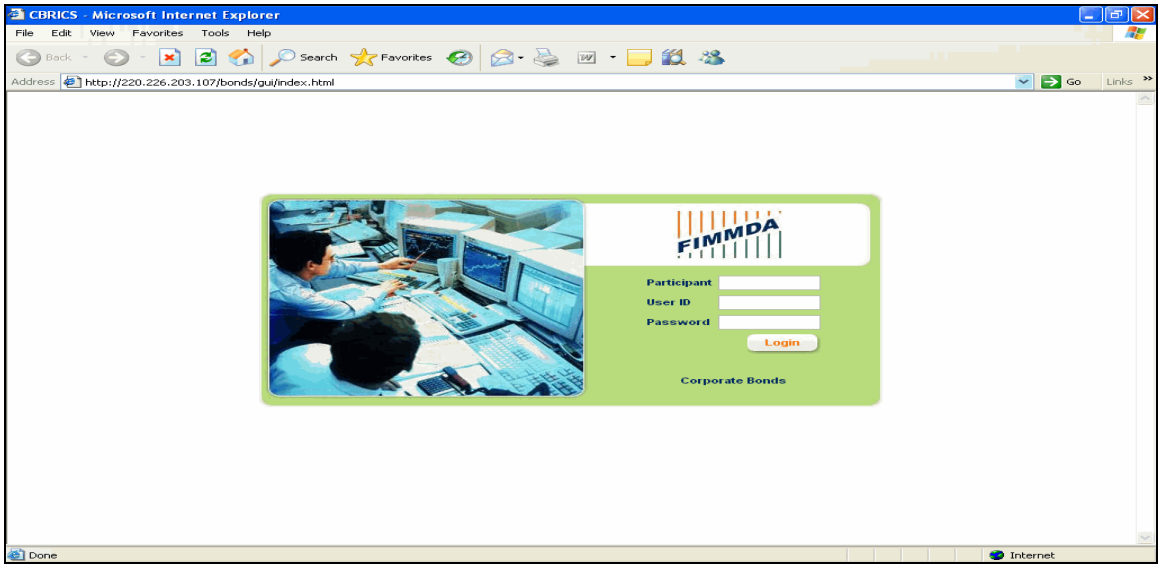
This solution CBRICS (Corporate Bond Reporting & Integrated Clearing System) is accessible through the internet at the following address – bricsonline.net. A few prerequisites for accessing the application are given hereunder:

- Internet should be available on the PC.
- Internet Explorer (version 6.0 & higher) must be installed.
- Java Runtime Environment must be installed
- Please set the screen resolution at 1024 X 768 for best viewing.

4.0 Getting started

4.1 Logging into the system

On going to the site the user will get the following screen:



The participant & admin user concerned needs to input the following details for accessing the system:

Participant	The user should enter the id allotted to his organization here.
User ID	The participant admin user should enter the participant id here while the operations user should login as the user Id allotted by the participant admin.
Password	This is same as the user ID on first login/ selected password thereafter.

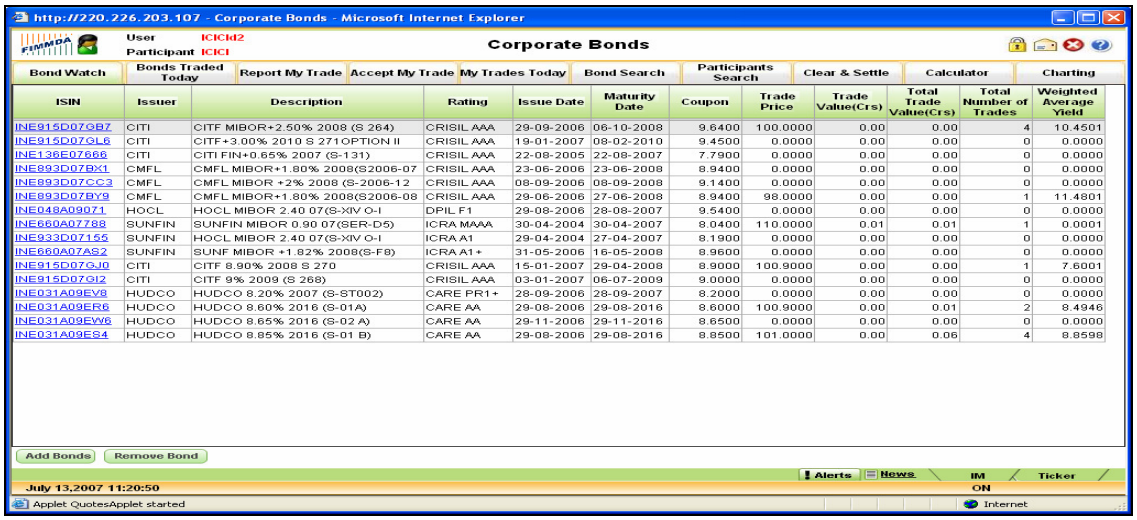
On first login, the user will be asked to change the password. Thereafter the user has to login with the new password. On subsequent logins, except for login after password reset the user will not be asked to change his password.

While inputting any of the fields if the user makes any mistake or leaves it blank the system will give the message 'Invalid user' as a popup.

In case of any problem the user should after waiting for some time, logout and re-login. In case problem persists, the helpdesk should be contacted.

4.2 Appearance

On successful login into the system the user will be able to see the following screen.



ISIN	Issuer	Description	Rating	Issue Date	Maturity Date	Coupon	Trade Price	Trade Value(Crs)	Total Trade Value(Crs)	Total Number of Trades	Weighted Average Yield
INE915D07QB7	CITI	CITF MIBOR+2.50% 2008 (S 264)	CRISIL AAA	29-09-2006	06-10-2008	9.6400	100.0000	0.00	0.00	4	10.4501
INE915D07QL6	CITI	CITF+3.00% 2010 S 271OPTION II	CRISIL AAA	19-01-2007	08-02-2010	9.4500	0.0000	0.00	0.00	0	0.0000
INE136E07666	CITI	CITI FIN+0.65% 2007 (S-131)	CRISIL AAA	22-08-2005	22-08-2007	7.7900	0.0000	0.00	0.00	0	0.0000
INE893D07BX1	CMFL	CMFL MIBOR+1.80% 2008(S2006-07	CRISIL AAA	23-06-2006	23-06-2008	8.9400	0.0000	0.00	0.00	0	0.0000
INE893D07CC3	CMFL	CMFL MIBOR +2% 2008 (S-2006-12	CRISIL AAA	08-09-2006	08-09-2008	9.1400	0.0000	0.00	0.00	0	0.0000
INE893D07BY9	CMFL	CMFL MIBOR+1.80% 2008(S2006-08	CRISIL AAA	29-08-2006	27-06-2008	8.9400	98.0000	0.00	0.00	1	11.4801
INE048A09071	HOCL	HOCL MIBOR 2.40 07(S-XIV O-I	DPIL F1	29-08-2006	28-08-2007	9.5400	0.0000	0.00	0.00	0	0.0000
INE660A07788	SUNFIN	SUNFIN MIBOR 0.90 07(SER-D5)	ICRA MAAA	30-04-2004	30-04-2007	8.0400	110.0000	0.01	0.01	1	0.0001
INE933D07155	SUNFIN	HOCL MIBOR 2.40 07(S-XIV O-I	ICRA A1	29-04-2004	27-04-2007	8.1900	0.0000	0.00	0.00	0	0.0000
INE660A07AS2	SUNFIN	SUNF MIBOR +1.82% 2008(S-F8)	ICRA A1+	31-05-2006	16-05-2008	8.9600	0.0000	0.00	0.00	0	0.0000
INE915D07GJ0	CITI	CITF 8.90% 2008 S 270	CRISIL AAA	15-01-2007	29-04-2008	8.9000	100.9000	0.00	0.00	1	7.6001
INE915D07GI2	CITI	CITF 9% 2009 (S 268)	CRISIL AAA	03-01-2007	06-07-2009	9.0000	0.0000	0.00	0.00	0	0.0000
INE031A09EV8	HUDCO	HUDCO 8.20% 2007 (S-ST002)	CARE PR1+	28-09-2006	28-09-2007	8.2000	0.0000	0.00	0.00	0	0.0000
INE031A09ER6	HUDCO	HUDCO 8.60% 2016 (S-01A)	CARE AA	29-08-2006	29-08-2016	8.6000	100.9000	0.00	0.01	2	8.4946
INE031A09EW6	HUDCO	HUDCO 8.65% 2016 (S-02 A)	CARE AA	29-11-2006	29-11-2016	8.6500	0.0000	0.00	0.00	0	0.0000
INE031A09ES4	HUDCO	HUDCO 8.85% 2016 (S-01 B)	CARE AA	29-08-2006	29-08-2016	8.8500	101.0000	0.00	0.06	4	8.8598

4.2.1 Title bar:

The title bar displays the website address followed by the word 'Corporate Bonds'.

4.2.2 Header

The header is the first line below the title bar. It shows the FIMMDA logo on the left hand corner. The user identification, application title in the center & utilities (4 numbers) on the right hand side

4.2.3 Tab & links (Top & bottom)

The application functions can be accessed through various Tabs and links discussed hereunder:

CONTROLS	BRIEF DESCRIPTION ON FUNCTIONALITY
TOP	
Bond Watch	Will show the bond the user wishes to track. Shall reflect changes to the trade price & yields on account of trades.
Bonds Traded Today	This will give list of bonds traded during the day including value & yield details.
Report My Trade	The user can enter the trade details for the bonds which is to report
Accept My Trade	The user can accept/ reject the trades reported to which his confirmation is specifically sought.
My Trades Today	This shall reflect all the trades where the user is the either the seller or buyer
Bond Search	This is a search facility to find bonds meeting specific criteria and taking specific action on these.
Participant Search	This is a search facility to find participants recognized on the platform & users there-under and take specific actions on these. There are additional functionalities in case of admin users.
Clear & Settle	This is a gateway to the clearing & settlement facility & reports.
Calculator	Tool for carrying on what-if analysis & computing yields & price based on required inputs
Charting	Tool for studying price volume charts for a specified time frame in selected bonds. This tool will however be useful only after trade history is available for the bond.

BOTTOM	
Alerts	Tool to enable or disable trade alerts. Enabling it will show trade alerts to the user.
News	This will link the user to News site of India Bond Watch
IM	Chat service for the user in a secured communication among participant users
Ticker	A vertical ticker displayed at users option. Shall display the trades for the day to a maximum of 25 trades.

4.2.4 Body

The body encloses the various functionalities within it and displays the result of various enquiries etc.

4.2.5 Status bar

On the bottom bar the date is displayed on the left hand side while on the right hand 'ON' should be displayed.

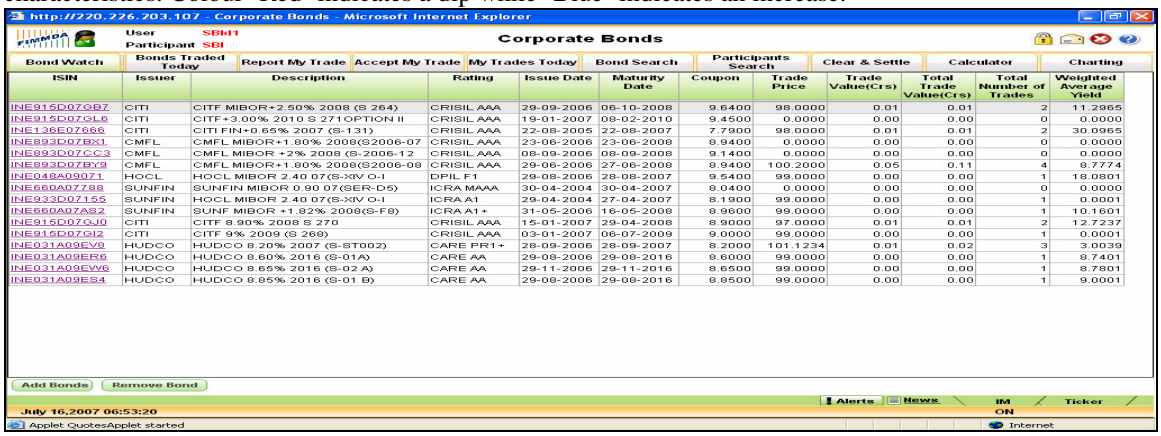
5.0 Operating the system

5.1 Bond Trackers

These are instant message disseminators which display the reported data in an online manner. While reflecting the trade data the counter party identities are protected.

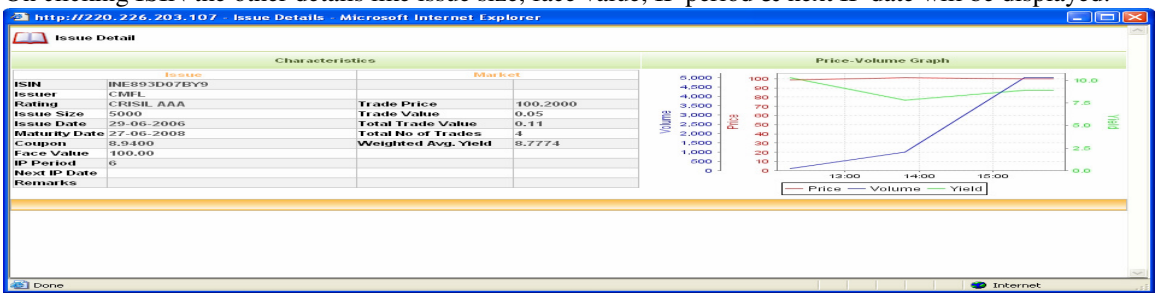
5.1.1 Bond-watch

The Bond-watch is a display area on the screen which shows a list of bonds and result of activity in it. This is the default screen when the user logs in. It reflects the increase/ decrease in price & yield on account of reporting by various participants. The last trend is reflected by the colour on the market related characteristics. Colour 'Red' indicates a dip while 'Blue' indicates an increase.



It displays the selected bond characteristics as well as market related information for all the bonds set up in market watch like ISIN, Issuer, Description, Rating, Issue Date, Maturity Date, Coupon, Trade Price, Trade value, Total Trade Value Number of trades and Weighted Average Yield.

On clicking ISIN the other details like issue size, face value, IP period & next IP date will be displayed:

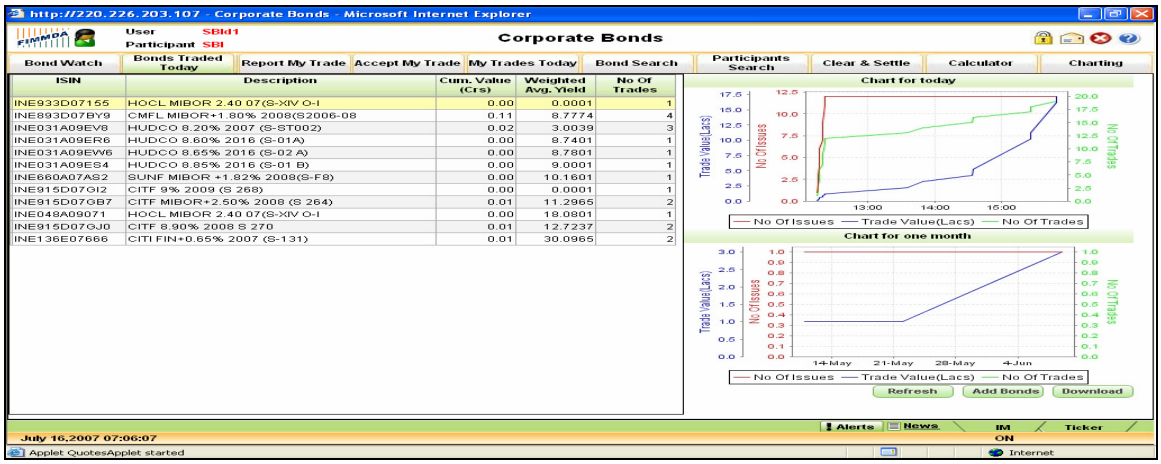


It also reflects the price-volume-yield graph for the selected security based on current day's trade.

The Bond Watch will show, by default, the top 20 bonds on basis previous day trade. The user can change the composition of the Bond-Watch by using the 'Add Bonds' & 'Remove Bonds' buttons. The 'Add Bonds' activates bond search from which bond can be added.

5.1.2 Bonds Traded Today

The Bonds Traded Today screen displays all bonds traded for the day. The same is given hereunder:



On the left hand side of the screen the details of all bonds traded during the day are reflected in tabular format. It gives ISIN, Description, Cumulative Value, Weighted average yield and number of trade in the bond.

On the other side a line graph depicting the total daily & monthly volumes for the days traded bonds. The charts depict the value, number of trades & number of distinct securities traded for the period. The graph needs to be manually refreshed so that fresh data is reflected.

Apart from the above, 'Add Bonds' & 'Download' buttons are provided. 'Add Bonds' button allows the user to include any of the days traded bond on Bond Watch window. User can download the trades as comma delimited file & the format shall be ISIN, trade date, trade reported time, price, value (without accrued interest), yield.

5.1.3 Ticker:

The platform comes with a vertical ticker which can be deployed as and when required. This gives the user an option to either see the ticker or hide it. The ticker is shown on the right side and will be available where ever the user navigates other than 'Report My Trade' tab.

The ticker displays the following trade details, trade wise:
ISIN, Trade price, Trade Value, Yield & Trade time

5.1.4 Alerts:

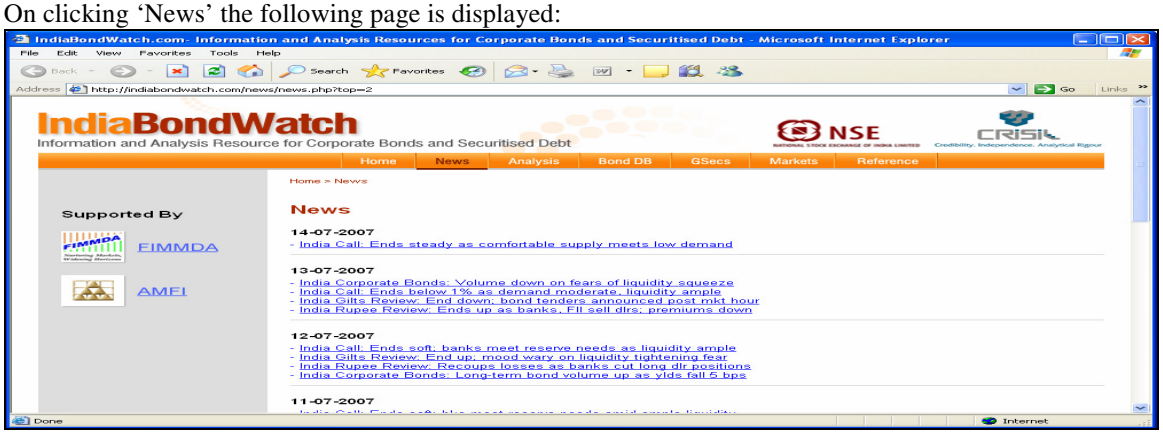
An alert is a facility to provide users trade to trade details of all reported deals as a popup on his screen. The user has the option to either see the alert or not. For the purpose the 'Alerts' tab should be clicked. This will change the user option currently selected. This option is available at the bottom bar.

It should be noted that the Tab will either show Alerts or Alerts when alert option is active or inactive respectively. The alerts show the same fields as a ticker.

5.1.5 News

Clicking this link enables the user to check out various news items affecting the bond market in a site dedicated to Corporate Bonds information dissemination 'India Bond Watch'. Its location on the bottom bar is shown below.

On clicking 'News' the following page is displayed:


IndiaBondWatch.com- Information and Analysis Resources for Corporate Bonds and Securitised Debt - Microsoft Internet Explorer
IndiaBondWatch
Information and Analysis Resource for Corporate Bonds and Securitised Debt
NSE
CRISIL
Home
News
Analysis
Bond DB
GSecs
Markets
Reference
Home > News
Supported By
FIMMDA
AMFI
News
14-07-2007
- India Call: Ends steady as comfortable supply meets low demand
13-07-2007
- India Corporate Bonds: Volume down on fears of liquidity squeeze
- India Call: Ends below 1% as demand moderate, liquidity ample
- India Gilts Review: End down; bond tenders announced post mkt hour
- India Rupee Review: Ends up as banks, FII sell dlrs; premiums down
12-07-2007
- India Call: Ends soft; banks meet reserve needs as liquidity ample
- India Gilts Review: End up; mood wary on liquidity tightening fear
- India Rupee Review: Recoups losses as banks cut long dlr positions
- India Corporate Bonds: Long-term bond volume up as ylds fall 5 bps
11-07-2007
Done
Internet

5.1.6 Calculator

This link enables the user to access an onsite bond calculator. It can be used to calculate the yield or price, as per user's request. The calculator currently handles calculation only in respect of coupon yielding bonds. To complete the calculation the user must provide following details:

Bond information:

Common information for both Price & Yield computation
Face Value (should always be Rs 100)
Coupon rate
Coupon duration i.e step period (Annual/ Semi-annual/ Quarterly/ Monthly)
Maturity date

Expected Trade information:

For Yield computation	For Price computation
Settlement Date (expected date of settling the deal)	Settlement Date (expected date of settling the deal)
Clean price of the deal (proportionate for FV Rs 100)	Expected Yield to Maturity

Basic computation methodology adopted for computation:

- The current yield is computed based on ratio of price / face value.
- The YTM is calculated as function for fund flows & timing of the flows (IRR).
- The initial fund outflow is the consideration for the deal with the date being the settlement date.
- The outflow is the periodic interest payment also including the F.V. of the bond on final settlement. The date for periodical payments is derived from the maturity date & coupon period.

Cases not currently handled by calculator (possible improvements in future):

a. Yield calculation for zero coupon bonds not possible.
b. Calculation of floating rate & step up bond will be like fixed rate bond at current rate.
c. Computation of yields in case of bonds redeemable in tranches, incorrect.
d. Computation of yields in case of bonds redeemable at a premium / discount, incorrect.
e. Calculation incorrect where interest payment date & maturity does not match.

5.1.7 Charting

The chart provided on this platform can be classified into the following types:

5.1.7.1 Issue graph

This chart can be accessed by clicking the ISIN on bond watch on the right hand side of issue details. This is a line chart giving relationship between price, volume & yield movements trade wise for the day. The trades should be depicted on the X-axis while the quantification is on the Y-axis.

5.1.7.2 Volume chart

This chart can be accessed by going to Bond Traded Today. This is basically a line chart which depicts the volume in terms of value, numbers of trades & distinct bonds. This chart is displayed for the day & month in respect of all trades for the day regardless about the bonds. The time will be show on X-axis & quantification will be on the Y-axis. The time shall be Hours for day chart and day for the Monthly chart.

5.1.7.3 Price & Volume chart

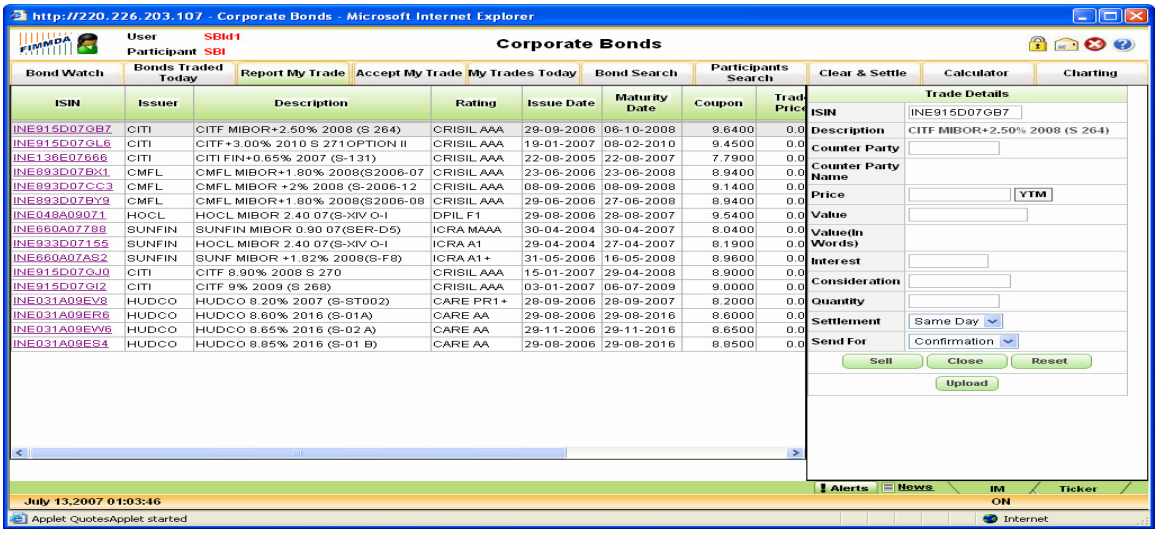
This chart reflects the price & volume movement for a selected bond for a period of time selected by the user. It is possible to make study of the movements in this chart.

5.2 *Trade Reporting*

5.2.1 Rules regarding reporting:

- Trades in Corporate bonds have to be reported within 15 minutes of the same as per SEBI circular.
- All the deals should be reported by the seller. This rule has been formulated to ensure single reporting of a deal in Corporate Bond arena. The system automatically considers the reporting participant as the seller to the deal.

To report the trade user should go to the 'Report My Trade' tab. The user will be able to see the following:


http://220.226.203.107 - Corporate Bonds - Microsoft Internet Explorer
User SBI1
Participant SBI
Corporate Bonds
Bond Watch
Bonds Traded Today
Report My Trade
Accept My Trade
My Trades Today
Bond Search
Participants Search
Clear & Settle
Calculator
Charting
ISIN
Issuer
Description
Rating
Issue Date
Maturity Date
Coupon
INE915D07GB7 CITI CITF MIBOR+2.50% 2008 (S 264) CRISIL AAA 29-09-2006 06-10-2008 9.6400
INE915D07GL6 CITI CITF+3.00% 2010 S 271OPTION II CRISIL AAA 19-01-2007 08-02-2010 9.4500
INE136E07666 CITI CITI FIN+0.65% 2007 (S-131) CRISIL AAA 22-08-2005 22-08-2007 7.7900
INE893D07BX1 CMFL CMFL MIBOR+1.80% 2008(S2006-07 CRISIL AAA 23-06-2006 23-06-2008 8.9400
INE893D07CC3 CMFL CMFL MIBOR +2% 2008 (S-2006-12 CRISIL AAA 08-09-2006 08-09-2008 9.1400
INE893D07BY9 CMFL CMFL MIBOR+1.80% 2008(S2006-08 CRISIL AAA 29-06-2006 27-06-2008 8.9400
INE048A09071 HOCL HOCL MIBOR 2.40 07(S-XIV O-I DPIL F1 29-08-2006 28-08-2007 9.5400
INE660A07788 SUNFIN SUNFIN MIBOR 0.90 07(SER-D5) ICRA MAAA 30-04-2004 30-04-2007 8.0400
INE933D07155 SUNFIN HOCL MIBOR 2.40 07(S-XIV O-I ICRA A1 29-04-2004 27-04-2007 8.1900
INE660A07AS2 SUNFIN SUNF MIBOR +1.82% 2008(S-F8) ICRA A1+ 31-05-2006 16-05-2008 8.9600
INE915D07GJ0 CITI CITF 8.90% 2008 S 270 CRISIL AAA 15-01-2007 29-04-2008 8.9000
INE915D07GI2 CITI CITF 9% 2009 (S 268) CRISIL AAA 03-01-2007 06-07-2009 9.0000
INE031A09EV8 HUDCO HUDCO 8.20% 2007 (S-ST002) CARE PR1+ 28-09-2006 28-09-2007 8.2000
INE031A09ER6 HUDCO HUDCO 8.60% 2016 (S-01A) CARE AA 29-08-2006 29-08-2016 8.6000
INE031A09EW6 HUDCO HUDCO 8.65% 2016 (S-02 A) CARE AA 29-11-2006 29-11-2016 8.6500
INE031A09ES4 HUDCO HUDCO 8.85% 2016 (S-01 B) CARE AA 29-08-2006 29-08-2016 8.8500
Trade Details
ISIN INE915D07GB7
Description CITF MIBOR+2.50% 2008 (S 264)
Counter Party
Counter Party Name
Price YTM
Value
Value(In Words)
Interest
Consideration
Quantity
Settlement Same Day
Send For Confirmation
Sell
Close
Reset
Upload
Alerts
News
IM
Ticker
July 13,2007 01:03:46
ON
Applet QuotesApplet started
Internet

The screen shall provide a bond list with a reporting facility on the left hand side with heading 'Trade Details'. The user can report the trade using Single Reporting or Bulk Reporting facility. These are discussed hereunder:

5.2.2 Reporting flow:

The system has been made capable of handling single as well as multiple reporting of deals. This has been explained below:

5.2.2.1 Single reporting

This is done by inputting the trade details in the GUI window provided. For the purpose the user has to enter the following details.

Fields	Input	Post input	Validations
ISIN	Manual Entry or Selection from bond list	Description gets populated with bond name if bond exists in database.	On entry: validates whether the bond is valid (one time). (Message: Invalid ISIN) On Sell Click: validates validity. (Message: 'Invalid Symbol (improper))
Counter party	Manual Entry	The participant name gets populated in Counter Party Name field.	On entry: validates whether the participant is valid (one time). (Message: 'Invalid Counter party') On sell click: If blank prompts for 'Entry of valid counter party' If incorrect message

			given 'Invalid BuyParticipantLoginId' On confirmation of action: Validates whether users participant & counter party are different. (Message: 'Counter party cannot be same as the logged in users participant code')
Price	Manual entry	None	On entry: Checks for validity if any value is entered. (However if blank no validation is done) (Message: Pl enter a valid price). On sell: Validation done for blank (Please enter a valid price) On Entry confirmation: Limit checks done. (Message: Price less than lower limit)
Value	Manual entry	Value in words	On entry: Checks for validity if any value is entered. (However if blank no validation is done) (Message: 'Pl enter a valid value'). Multiple value check (Message: Value should be multiple of face value 100) On Sell: Validation done for blank (Message: Please enter a valid value) On Entry confirmation: Limit value check (if any) message given.
Interest	Computed but editable	None	Nil
Considera tion	Computed & Un-editable	None	NA
Quantity	Computed & Un-editable	None	NA
Settlement	Option	Same Day/ T + 1/ T + 2	On entry confirmation: After a specified time : 'Same day trades not allowed'

i. Reporting Type:

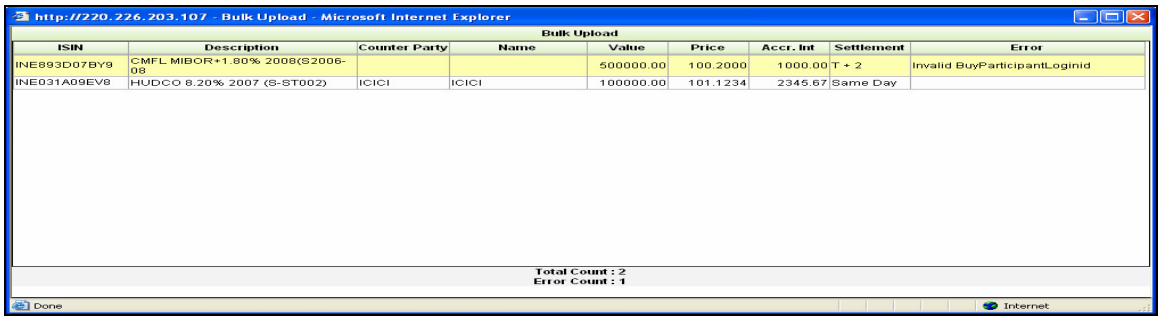
Once data entry is completed options 'Sent for confirmation' or 'Sent for information'. 'Sent for confirmation' indicates that the reporting party wishes to seek counterparty participant's approval. This is also called 'Bilateral Reporting'. On the other hand, selecting option 'Sent for information', only gives intimation about the trade to counter party by coming in 'My Trades Today'. This is also called 'Unilateral Reporting'

ii. Action:

Once the 'Sell' button is clicked a message to confirm the same by clicking 'CTRL' key is given. The confirmation can be avoided by clicking 'ESC' key.
If on the other hand, 'Reset' button is clicked the data entered is cleared. Clicking the 'Close' button transfers the user to 'Bond Watch' page. However in case of error user will be displayed the same & control is not shifted.

5.2.2.2 Bulk Reporting

This facility has been enabled on the platform through a file upload facility. The option for bulk reporting is available in the Reporting screen below the buttons 'Sell', 'Close' & 'Reset' with the name 'Upload'. On clicking 'Upload' the user will be able to browse and select the file for loading. On uploading the file the uploaded details get reflected in 'Bulk Upload' window with the error status if uploading of individual records in the file is not successful.


http://220.226.203.107 - Bulk Upload - Microsoft Internet Explorer
Bulk Upload
ISIN | Description | Counter Party | Name | Value | Price | Accr. Int | Settlement | Error
INE893D07BY9 | CMFL MIBOR+1.80% 2008(S2006-08 | | | 500000.00 | 100.2000 | 1000.00 | T + 2 | Invalid BuyParticipantLoginid
INE031A09EV8 | HUDCO 8.20% 2007 (S-ST002) | ICICI | ICICI | 100000.00 | 101.1234 | 2345.67 | Same Day |
Total Count : 2
Error Count : 1
Done
Internet

Any failure in the file upload or part thereof would invalidate the upload. Only after all records in the file are found proper does the system allow the user to set the reporting type & complete the action. Since the single record type is set up for all the data uploaded in a single file, separate files are to be prepared for uploads as per the required 'Reporting type' to be applied.

A brief description on the file prepared for uploading:

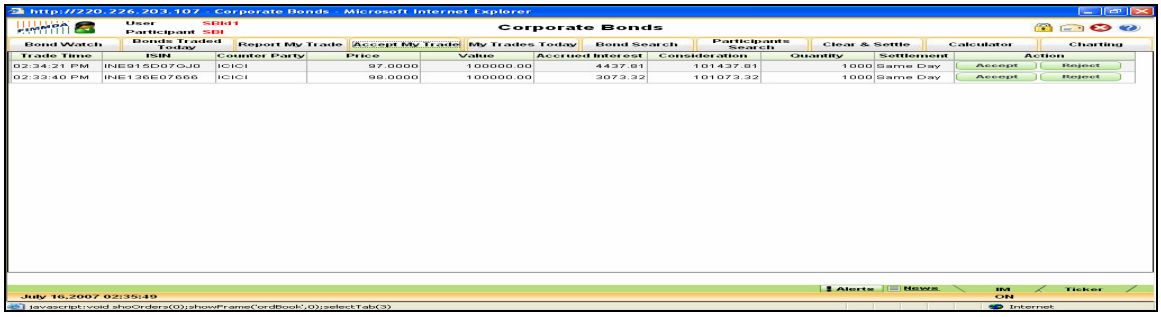
- Type: Comma delimited
- Name: <Any name>.csv
- Structure:
  No header.
  No control record.
  Fields: <ISIN>, <Counter party>, <Value>, <Price>, <Accrued Interest>, <Settlement*>
  * Recognised Settlement options are T+1, T+2, Same Day

Specimen file:

INE893D07BY9	ICICI	500000	100.2	1000	T+2
INE031A09EV8	ICICI	100000	101.1234	2345.67	Same day

5.2.3 Accept My Trades

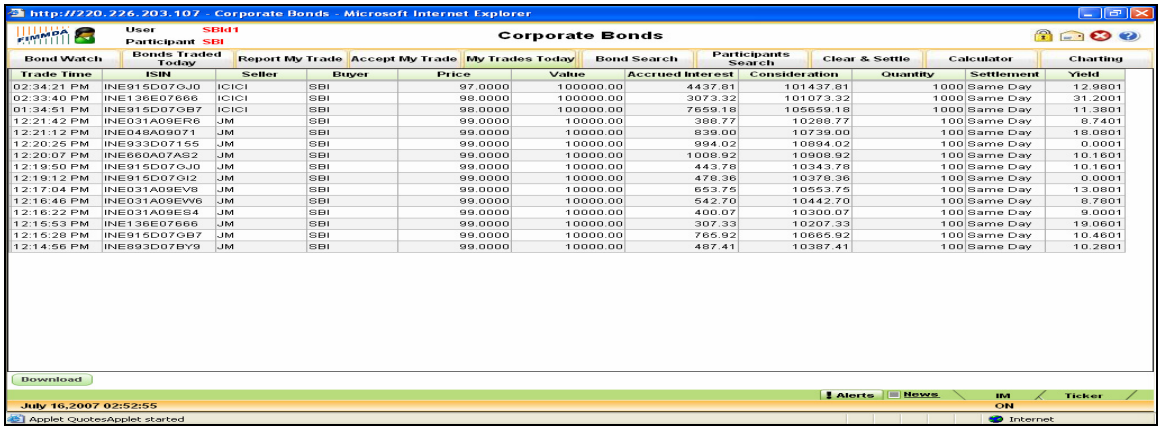
The trades reported having counter party same as the participant code of logged in user and the reporting option I selected as 'Sent for Confirmation' will be shown on the 'Accept My Trades' screen. This will be shown in the screen till the time it is accepted, either auto or manually.


http://220.226.203.107 - Corporate Bonds - Microsoft Internet Explorer
Corporate Bonds
Bond Watch | Bonds Traded Today | Report My Trade | Accept My Trade | My Trades Today | Bond Search | Participants Search | Clear & Settle | Calculator | Charting
Trade Time | ISIN | Counter Party | Price | Value | Accrued Interest | Consideration | Quantity | Settlement | Action
02:34:21 PM | INE915D07GJ0 | ICICI | 97.0000 | 100000.00 | 4437.81 | 101437.81 | 1000 | Same Day | Accept | Reject
02:33:40 PM | INE136E07686 | ICICI | 98.0000 | 100000.00 | 3073.32 | 101073.32 | 1000 | Same Day | Accept | Reject
July 16,2007 02:35:49
Internet

The action can be taken by clicking the option 'Accept' or 'Reject'. On clicking any of the option the user is asked to confirm the same by clicking CTRL key. If user confirms the 'Acceptance' the trade gets reported or else rejected.

5.2.4 My Trades Today

The 'My Trades Today' displays all trades where the participant is a seller or buyer (counter party). A screen shot of the same is attached hereunder.



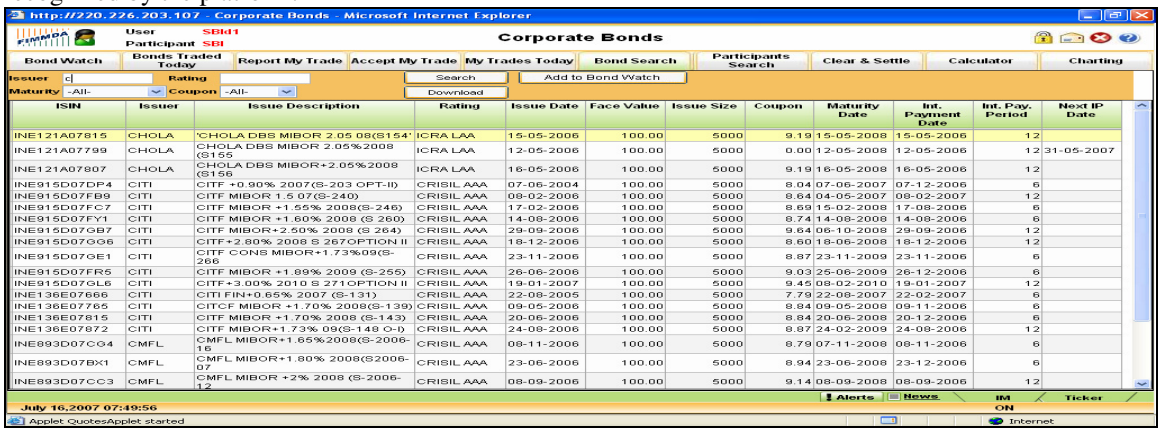
Trade Time	ISIN	Seller	Buyer	Price	Value	Accrued Interest	Consideration	Quantity	Settlement	Yield
02:34:21 PM	INE915D07GJ0	ICICI	SBI	97.0000	100000.00	4437.81	101437.81	1000	Same Day	12.9801
02:33:40 PM	INE136E07666	ICICI	SBI	98.0000	100000.00	3073.32	101073.32	1000	Same Day	31.2001
01:34:51 PM	INE915D07GB7	ICICI	SBI	98.0000	100000.00	7659.18	105659.18	1000	Same Day	11.3801
12:21:42 PM	INE031A09ER6	JM	SBI	99.0000	10000.00	388.77	10288.77	100	Same Day	8.7401
12:21:12 PM	INE048A09071	JM	SBI	99.0000	10000.00	839.00	10739.00	100	Same Day	18.0801
12:20:25 PM	INE933D07155	JM	SBI	99.0000	10000.00	994.02	10894.02	100	Same Day	0.0001
12:20:07 PM	INE660A07AS2	JM	SBI	99.0000	10000.00	1008.92	10908.92	100	Same Day	10.1601
12:19:50 PM	INE915D07GJ0	JM	SBI	99.0000	10000.00	443.78	10343.78	100	Same Day	10.1601
12:19:12 PM	INE915D07GI2	JM	SBI	99.0000	10000.00	478.36	10378.36	100	Same Day	0.0001
12:17:04 PM	INE031A09EV8	JM	SBI	99.0000	10000.00	653.75	10553.75	100	Same Day	13.0801
12:16:46 PM	INE031A09EW6	JM	SBI	99.0000	10000.00	542.70	10442.70	100	Same Day	8.7801
12:16:22 PM	INE031A09ES4	JM	SBI	99.0000	10000.00	400.07	10300.07	100	Same Day	9.0001
12:15:53 PM	INE136E07666	JM	SBI	99.0000	10000.00	307.33	10207.33	100	Same Day	19.0601
12:15:28 PM	INE915D07GB7	JM	SBI	99.0000	10000.00	765.92	10665.92	100	Same Day	10.4601
12:14:56 PM	INE893D07BY9	JM	SBI	99.0000	10000.00	487.41	10387.41	100	Same Day	10.2801

The trade information displayed is Trade date/time, ISIN, Counter party, Price, Value, Accrued interest, Consideration, Quantity & Settlement. This is the list of trades where the participant is a party.

5.3 Lookup - search engines

5.3.1 Bond Search

'Bond search' is a bond lookup facility for finding desired bonds. It is a complete list of bonds which is recognized by the platform.



'Bond Search' provides Enquiry, Download & bond watch setup functionality. The description of each of the functionalities is given below:

5.3.1.1 Enquiry:

The enquiry functionality of 'Bond Search' enables users to search for bonds satisfying certain criteria. The various criteria are issuer, rating, maturity & coupon. At least one of the filter criteria needs to be selected. This means that at any point of time, the complete list cannot be viewed. If the enquiry is not filtered, a message to this effect is shown. Once a filter is set, the search button should be clicked to get the output. Acceptable Data to be entered in the fields for enquiry:

Issuer	The Issuer code in the system or beginning portion of that. For eg: If issuer is HUDCO then the search can be carried out by entering HUDCO/ H but not by CO. (Default: <Blank>)
Rating	The rating has to be entered as <Rating agency> <Rating>. For eg: If the rating is AAA by ICRA, it should be entered as ICRA AAA & not merely AAA. (Default: <Blank>)
Maturity	To be selected from the dropdown (Default: ALL)
Coupon	To be selected from the dropdown (Default: ALL)

If the default value is not changed popup message 'Enter any one field: Issuer / Rating / Maturity / Coupon.'

5.3.1.2 Download:

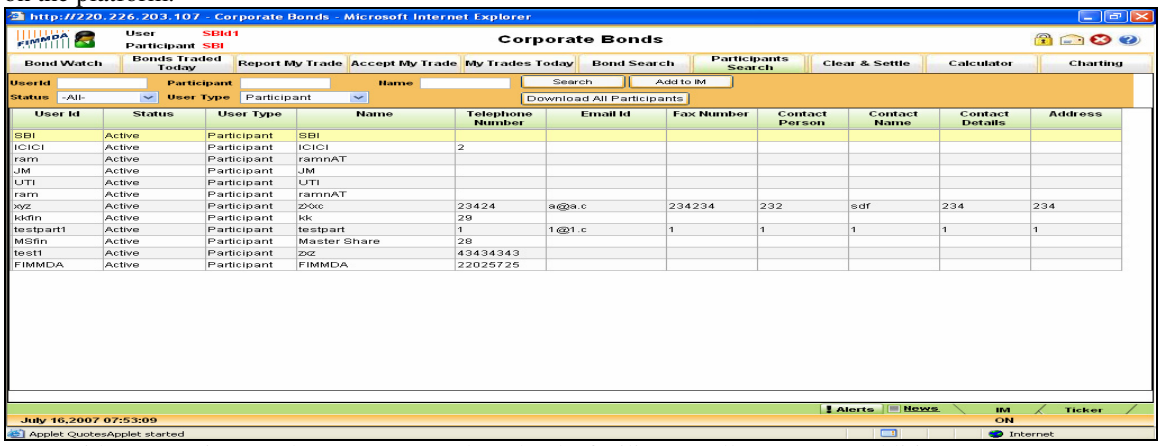
The 'Download' button enables the user to download the bonds meeting the search criteria above to the local machine. On clicking 'Download' the enquired bonds displayed on the screen will get downloaded to the selected path of user's local machine.

5.3.1.3 Setup (Add):

This functionality is used to add selected bond to Bond-watch.

5.3.2 Participant Search

'Participant search' is a lookup for finding participants and users under them. It is used to carry on participant search & other related functionality from the repository of participants & their user recognized on the platform.


http://220.226.203.107 - Corporate Bonds - Microsoft Internet Explorer
User SBI1
Participant SBI
Corporate Bonds
Bond Watch
Bonds Traded Today
Report My Trade
Accept My Trade
My Trades Today
Bond Search
Participants Search
Clear & Settle
Calculator
Charting
UserId
Participant
Name
Search
Add to IM
Status -All-
User Type Participant
Download All Participants
User Id | Status | User Type | Name | Telephone Number | Email Id | Fax Number | Contact Person | Contact Name | Contact Details | Address
SBI | Active | Participant | SBI
ICICI | Active | Participant | ICICI | 2
ram | Active | Participant | ramnAT
JM | Active | Participant | JM
UTI | Active | Participant | UTI
ram | Active | Participant | ramnAT
xyz | Active | Participant | zxxc | 23424 | a@a.c | 234234 | 232 | sdr | 234 | 234
kkfin | Active | Participant | kk | 29
testpart1 | Active | Participant | testpart | 1 | 1@1.c | 1 | 1 | 1 | 1 | 1
MSfin | Active | Participant | Master Share | 28
test1 | Active | Participant | zxz | 43434343
FIMMDA | Active | Participant | FIMMDA | 22025725
Alerts
News
IM
Ticker
July 16,2007 07:53:09
ON
Applet QuotesApplet started
Internet

It provides 'Enquiry', 'Chat setup' & 'download' facility to all users. In addition user management functionality is available to administrators. A description of these functionalities is given below.

5.3.2.1 Enquiry:

The enquiry functionality of 'Participant Search' enables users to search for participants recognized on the platform based on certain criteria. The various criteria are User Id, Participant Id, Name, Status and User Type. At least one of the criteria needs to be selected. This means that at any point of time, the complete list cannot be viewed. If the enquiry is not filtered, a message to this effect is shown. Once a filter is set, the search button should be clicked to get the output.

User Id	The whole or beginning part of participant or user Id (Default: <Blank>)
Participant Id	The whole or beginning part of Participant Id (Default: <Blank>)
Name	The whole or beginning part of participant or user name (Default: <Blank>)
Status	To be selected from the dropdown (Default: ALL)
User Type	To be selected from the dropdown (Default: ALL)

In case any of the default value is not changed popup message: 'Enter any 1 field: User ID/ Participant/ Status/ User Type/ Name.'

5.3.2.2 Download all Participants:

This option is useful to download participant list with complete details to local PC.

5.3.2.3 Setup Chat (Add to IM):

This functionality is used to add a user to chat screen so that communication can be done with that user in a secured manner.

5.3.2.4 User management:

The user management function is available to the default user of the participant. This user is authorised to create other users under him. This shall be already been explained earlier.

5.4 Post reporting handlers

5.4.1 Clear & Settle

This is a gateway to the clearing & settlement reports which gives details as under:

Clearing information:

This includes Transaction details and obligation report. Transaction detail is a repository of trades reported by the participant day wise. Obligation report on the other hand is the statement of fund & instrument delivery obligation. This information will be available to users with immediate effect.

Settlement information

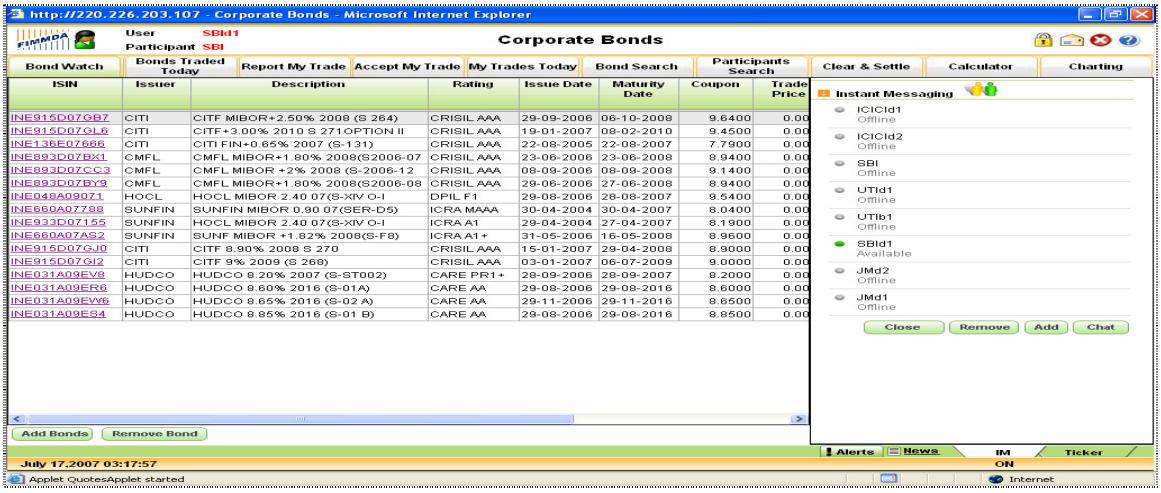
This includes Shortage report, Fund Transaction report & Delivery report. Shortage report will show all the failed transactions. Fund transaction report will show details of funds payin /payout. Finally, Delivery report will show details of bonds payin /payout. These information can be activated only after settlement facility is activated on the platform.

5.5 Communication Media

5.5.1 IM (Instant Messenger)

The platform has been equipped with an Instant Messenger service to enable secured communication between the various users. This service will enable only users on the platform to chat with each other.

On clicking this link the following screen is displayed:



The 'Instant Messenger' screen is displayed on the right hand side of any active screen. It shall display the user list setup on IM by the user. All users currently logged on the system are shown with a green mark. The user needs to select the entry and click on 'Chat' button to open a chat session with the user. Following additional functions are included with the IM as under:

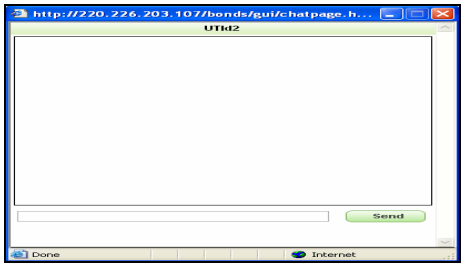
5.5.1.1 Setup:

The first activity that the user has to perform is to setup users on the Instant Messenger. To set up the users on Chat screen buttons 'Add' and 'Remove' has been provided. On clicking 'Add' button the 'Search participant' screen opens. The user should be selected on that screen and 'Add to IM' button on that screen

should be clicked. All the users who are currently active on the system will have a green mark while others will have a grey one. One to One messaging can be done only if the user is present on the chat screen. User can also remove any user from the chat screen by selecting the user & clicking 'Remove' button.

5.5.1.2 One to One chat:

The user has to select a user from IM and click 'Chat' button. This will activate the 'Messaging window'.



The window shall have the counter party user name. It shall also have message window for typing the message. 'Send' button for sending the message and 'History' screen showing the messaging history.

5.5.1.3 Close:

This option removes Instant Messenger screen currently active on the screen.

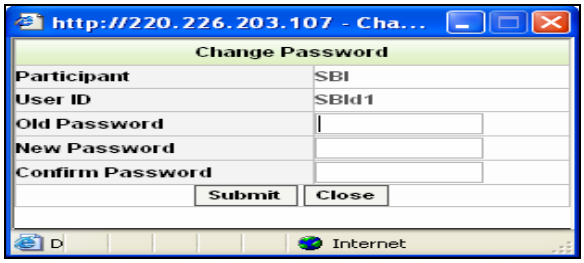
5.6 Other Utilities

Utilities are functionalities that are not in any way connected to the purpose of the system but help in smooth functioning of the system. The utilities integrated with the platform are:
Change password ( ), Contact us ( ), Logout ( ) and Help ( )

A brief description on the same is given below:

5.6.1 Change Password:

Any IT Security policy stresses on the need to regularly change password to ensure the systems access controls & security remain strong. To enable the user to change password an icon has been provide on the users. On clicking this icon, the user gets the following screen.



The participant & user id are pre-populated. The user has to enter the old password, new password & confirm password. Thereafter the 'Submit' button should be clicked to make the changed complete. There after the user will be forcefully logged out.

While changing password, following characteristics of valid password should be ensured:

- The minimum acceptable length is 6 while the maximum length is 12.
- It has a mixture of alphabets, numbers and special characters.
- The acceptable special characters are ! @ # $ ^ * ( ) - _ + = [{ }] \ | ; : ' " , < . > / ? and <space>.

5.6.2 Contact us:

On instances when the user is required to communicate with the helpdesk, the Contact us icon should be clicked. This opens a new composer in the default mailing system of the user. The helpdesk email-Id is shown by default.

5.6.3 Logout:

In order to enable the user to make a normal exit from the system the logout option is provided. On logging out of the page being displayed is closed & the login page is shown.

5.6.4 Help

The user manual is integrated with the system so as to ensure easy availability of the manual.